WHAT IS CLAIMED IS:

1. An audio and video data synchronous reproduction method for decoding, using an audio decoder, audio data separated by a demultiplexer from the multiplexed stream in which audio data, video data and a time stamp are multiplexed, and decoding, using a video decoder, video data separated by the demulti-plexer from the multiplexed stream, the method comprising:

pausing reproduction processing on audio and video data in response to a request to pause the reproduction of the audio and video data;

resuming the reproduction processing on the audio and video data in response to a request to release the pause in the reproduction of the audio and video data; and

setting, before the resuming, internal clocks to indicate a single time, the clocks which are respectively included in the demultiplexer, the audio decoder and the video decoder.

2. The method according to claim 1, further comprising determining the timing of the reproduction processing by comparing the times indicated by the internal clocks with the time stamp.

3. The method according to claim 1, wherein the setting comprises setting, before the resuming, the times indicated by the internal clocks of the audio

decoder and the video decoder to the time indicated by the internal clock of the demultiplexer.

4. The method according to claim 1, wherein the setting comprises setting, before the resuming, the times indicated by the respective internal clocks of the demultiplexer, the audio decoder and the video decoder to the smallest value in the times indicated by the internal clocks.

5. The method according to claim 1, wherein the setting comprises setting, before the resuming, the times indicated by the respective internal clocks of the demultiplexer, the audio decoder and the video decoder to the time when the request to release the pause has been issued.

6. An audio and video data synchronous reproduction apparatus for decoding, using an audio decoder, audio data separated by a demultiplexer from the multiplexed stream in which audio data, video data and a time stamp are multiplexed, and decoding, using a video decoder, video data separated by the demultiplexer from the multiplexed stream, the apparatus comprising:

a pause section configured to pause reproduction processing on audio and video data in response to a request to pause the reproduction of the audio and video data;

a resuming section configured to resume the

reproduction processing on the audio and video data in response to a request to release the pause in the reproduction of the audio and video data; and

a setting section configured to set, before resumption of the reproduction processing, internal clocks to indicate a single time, the clocks which are respectively included in the demultiplexer, the audio decoder and the video decoder.

7. The apparatus according to claim 6, further comprising a determination section configured to determine the timing of the reproduction processing by comparing the times indicated by the internal clocks with the time stamp.

8. The apparatus according to claim 6, wherein the setting section sets, before the resumption of the reproduction processing, the times indicated by the internal clocks of the audio decoder and the video decoder to the time indicated by the internal clock of the demultiplexer.

9. The apparatus according to claim 6, wherein the setting section sets, before the resumption of the reproduction processing, the times indicated by the respective internal clocks of the demultiplexer, the audio decoder and the video decoder to the smallest value in the times indicated by the internal clocks.

10. The apparatus according to claim 6, wherein the setting section sets, before the resumption of the

reproduction processing, the times indicated by the
respective internal clocks of the demultiplexer, the
audio decoder and the video decoder to the time when
the request to release the pause has been issued.